



Attorney's Docket No. 6491.P039

2631
PATENT

#6
S.F.
03-02-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Andrew L. Norrell et al.

Application No.: 10/072,883

Filed: February 6, 2002

For: LOOP EXTENDER WITH
SELECTABLE LINE TERMINATION
AND EQUALIZATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

)
)
)
)
)
)
)
)
)

Examiner: Not Yet Assigned
Art Unit: 2631

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450

on February 17, 2004

Date of Deposit

Deborah A McGovern
Name of Person Mailing Correspondence
DMG 2-17-04
Signature Date

RECEIVED

FEB 24 2004

Sir:

Technology Center 2600

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

RECEIVED
FEB 26 2004
TECHNOLOGY CENTER R3700

Application No.: 10/072,833

- 1 -

Docket No.: 6491.P039

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

- 37 C.F.R. §1.97(b).
- 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- A statement pursuant to 37 C.F.R. §1.97(e) or
- A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
- 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 2-17, 2004



Thomas S. Ferrill
Reg. No. 42,532

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)			Attorney Docket No.: 6491.P039	Application Number: 10/072,833
Page 1 of 7 			First Named Inventor: Andrew L. Norrell	
			Filing Date: 2/6/2002	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document RECEIVED MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
		4,970,722		Preschutti	11/13/1990	
		5,912,895		Terry et al.	6/15/1999	
		4,277,655		Surprenant	7/7/1981	
		4,259,642		Derby	3/31/1981	
		5,892,756		Murphy	4/6/1999	
		6,154,524		Bremer	11/28/2000	
		6,005,873		Amit	12/21/1999	
		6,091,722		Russell et al.	7/18/2000	
		6,084,931		Powell, II et al.	7/4/2000	
		5,623,485		Bi	4/22/1997	
		6,351,493	B1	Tarraf	2/26/2002	
		6,343,114	B1	Chea, Jr.	1/29/2002	
		6,058,162		Nelson et al.	5/2/2000	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁶
		Office ³	Number ⁴	Kind (If known)				

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary) FEB 20 2004 U.S. PATENT & TRADEMARK OFFICE		Attorney Docket No.: 6491.P039	Application Number: 10/072,833
Page 2 of 7		First Named Inventor: Andrew L. Norrell	
		Filing Date: 2/6/2002	

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
		US 2002/0001340	A1	Shenoi et al.	1/3/2002	
		US 2002/0106076	A1	Norrell et al.	8/8/2002	
		5,929,402		Charles et al.	7/27/1999	
		6,281,454	B1	Charles et al.	8/28/2001	
		761,995		Pupin	6/7/1904	
		US 2002/0113649	A1	Tambe et al.	8/22/2002	
		3,848,098		Pinel	11/12/1974	
		3,476,883		Birck et al.	11/4/1969	
		1,711,653		Quarles	5/7/1929	
		6,226,322	B1	Mukherjee	5/1/2001	
		6,345,072	B1	Liu et al.	2/5/2002	
		6,507,606	B2	Shenoi et al.	1/14/2003	
		6,188,669	B1	Bellenger	2/13/2001	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind (If known)				

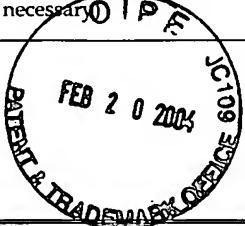
Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 6491.P039	Application Number: 10/072,833
Page 3 of 7		First Named Inventor: Andrew L. Norrell	RECEIVED
		Filing Date: 2/6/2002	FEB 24 2004



U.S. PATENT DOCUMENTS

Technology Center 2600

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
		6,345,071	B1	Hamdi	2/5/2002	
		5,909,445		Schneider	6/1/1999	
		6,236,714	B1	Zheng et al.	5/22/2001	
		6,546,100	B1	Drew	4/8/2003	
		6,262,972	B1	McGinn et al.	7/17/2001	
		5,724,344		Beck	3/3/1998	
		6,091,713		Lechleider et al.	7/18/2000	
		3,578,914		Simonelli	5/18/1971	
		5,790,174		Richard, III et al..	8/4/1998	
		5,455,538		Kobayashi et al.	10/3/1995	
		5,526,343		Aizawa et al.	6/11/1996	
		5,726,980		Rickard	3/10/1998	
		5,822,325		Segaram et al.	10/13/1998	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind (If known)				

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 6491.P039	Application Number: 10/072,833
Page 4 of 7		First Named Inventor: Andrew L. Norrell	RECEIVED
		Filing Date: 2/6/2002	FEB 24 2004 Technology Center 2600

O P E
FEB 20 2004
U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
		5,974,137		Sheets et al.	10/26/1999	
		5,095,528		Leslie et al.	3/10/1992	
		6,029,048		Treatch	2/22/2000	
		3,180,938		Glomb	4/27/1965	
		3,548,120		Tarassoff	12/15/1970	
		3,873,936		Cho	3/25/1975	
		3,944,723		Fong	3/16/1976	
		3,962,549		Zuk	6/8/1976	
		4,131,859		Valle	12/26/1978	
		4,242,542		Kimbrough	12/30/1980	
		4,392,225		Wortman	7/5/1983	
		4,462,105		Wagner et al.	7/24/1984	
		4,656,628		Tan	4/7/1987	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind (If known)				

RECEIVED
FEB 26 2004
TECHNOLOGY CENTER 2600

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 6491.P039	Application Number: 10/072,833
Page 5 of 7		First Named Inventor: Andrew L. Norrell	RECEIVED FEB 24 2004
		Filing Date: 2/6/2002	Technology Center 2600

U.S. PATENT DOCUMENTS



Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
		4,667,319		Chum	5/19/1987	
		4,766,606		Bardutz et al.	8/23/1988	
		5,181,198		Lechleider	1/19/1993	
		5,394,401		Patrick et al.	2/28/1995	
		4,025,737		Brewer	5/24/1977	
		4,583,220		Blackburn et al.	4/15/1986	
		4,633,459		Blackburn	12/30/1986	
		4,768,188		Barnhart et al.	8/30/1988	
		4,788,657		Douglas et al.	11/29/1988	
		5,049,832		Cavers	9/17/1991	
		5,736,949		Ong et al.	4/7/1998	
		5,859,895		Pomp et al.	1/12/1999	
		5,991,311		Long et al.	11/23/1999	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind (If known)			

RECEIVED
FEB 26 2004

Examiner Signature	TECHNOLOGY CENTER R3700	Date Considered	
-----------------------	-------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

TECHNOLOGY CENTER R3700

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.